

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Souza

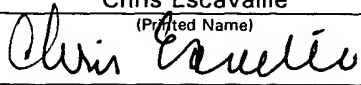
Title: PRINTER AND PERISTALTIC
PUMP INCLUDING OCCLUSION
ENGAGEMENT MECHANISM

Appl. No.:

Filing Date:

Examiner:

Art Unit:

CERTIFICATE OF EXPRESS MAILING	
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LETTER

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

The attached Information Disclosure Statement lists the Canon peristaltic pump. It is Applicant's belief that the Canon peristaltic pump was commercially sold before February 12, 2003. The Canon peristaltic pump (depicted in the three attached pictures) is not used as a metering pump but is rather used to start up the printer when a new printer pen is inserted. The top picture shows an end view. The upper right roller is in the tube occluding position, and the lower left one is in the unoccluding position. The motor drives the rotor assembly from the center of the rotor (direct drive). When the rotor assembly is rotated counter-clockwise, the friction of the tubes aids the roller to roll up into the little saddle and hence occlude the tube. To return to the unoccluded position, the rotor is rotated clockwise, again using the tube resistance to aid the roller out of the saddle and down the slide.

Respectfully submitted,

Date September 8, 2003

By Todd A. Rathe

FOLEY & LARDNER

Customer Number: 22879



22879

PATENT TRADEMARK OFFICE

Telephone: (414) 297-5710

Facsimile: (414) 297-4900

Todd A. Rathe

Attorney for Applicant

Registration No. 38,276

CANON PERISTALTIC PUMP

